

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	568	(mitochondrial adj DNA) and (mass adj spectrometry)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/31 15:10
L2	60	I1 and base adj composition	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/31 15:10
L3	5	I2 and heteroplasmy	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/31 15:10

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and display fields
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NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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=> FIL BIOSIS, EMBASE, MEDLINE, LIFESCI, CAPLUS
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=> s mitochondrial (1a) DNA and heretoplasmy
L1 0 MITOCHONDRIAL (1A) DNA AND HERETOPLASMY

=> s mtDNA and heteroplasmy
L2 1854 MTDNA AND HETEROPLASMY

=> s 12 and PCR
L3 425 L2 AND PCR

=> s 13 and mass (1a) spectrometry
L4 2 L3 AND MASS (1A) SPECTROMETRY

=> dup rem
ENTER L# LIST OR (END):14
PROCESSING COMPLETED FOR L4
L5 2 DUP REM L4 (0 DUPLICATES REMOVED)

=> d 15

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:515709 CAPLUS
DN 141:48535
TI Rapid forensic analysis of mitochondrial DNA and characterization of
mtDNA heteroplasmy by mass
spectrometry of amplified DNA
IN Ecker, David J.; Crooke, Stanley T.; Blyn, Lawrence B.; Hall, Thomas A.;
Jiang, Yun; Griffey, Richard H.; Sampath, Rangarajan; Hofstadler, Steven
A.; MacNeil, John; Hannis, James C.; White, Neil; Samant, Vivek; Eshoo,
Mark W.; Drader, Jared J.
PA Isis Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 140 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 16

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004053141	A2	20040624	WO 2003-US38505	20031205
	WO 2004053141	A3	20050623		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,				

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US 2004121310	A1	20040624	US 2002-323438	20021218
US 2004161770	A1	20040819	US 2003-660998	20030912
CA 2510007	AA	20040624	CA 2003-2510007	20031205
AU 2003302236	A1	20040630	AU 2003-302236	20031205
EP 1573065	A2	20050914	EP 2003-810055	20031205

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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PRAI US 2002-431319P	P	20021206
US 2002-323438	A	20021218
US 2003-660998	A	20030912
US 2001-798007	A2	20010302
WO 2003-US38505	W	20031205

=> d 15 2

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:681304 CAPLUS
 DN 141:201268
 TI Methods combining PCR and PCR-RFLP with mass
 spectrometry for rapid forensic analysis of mitochondrial DNA and
 characterization of mtDNA heteroplasmy
 IN Ecker, David J.; Griffey, Richard H.; Sampath, Rangarajan; Hofstadler,
 Steven A.; McNeil, John; Crooke, Stanley T.; Blyn, Lawrence B.; Hall,
 Thomas A.; Jiang, Yun; Hannis, James C.; White, Neil; Samant, Vivek;
 Eshoo, Mark W.; Drader, Jared J.
 PA USA
 SO U.S. Pat. Appl. Publ., 95 pp., Cont.-in-part of U.S. Ser. No. 323,438.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 16

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004161770	A1	20040819	US 2003-660998	20030912
	US 2003027135	A1	20030206	US 2001-798007	20010302
	US 2004121310	A1	20040624	US 2002-323438	20021218
	US 2004110169	A1	20040610	US 2003-430253	20030506
	CA 2510007	AA	20040624	CA 2003-2510007	20031205
	WO 2004053141	A2	20040624	WO 2003-US38505	20031205
	WO 2004053141	A3	20050623		
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	RW:				
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	TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003302236	A1	20040630	AU 2003-302236	20031205
	EP 1573065	A2	20050914	EP 2003-810055	20031205
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	US 2006121520	A1	20060608	US 2006-331987	20060113
PRAI	US 2001-798007	A2	20010302		
	US 2002-431319P	P	20021206		
	US 2002-323438	A2	20021218		
	US 2002-156608	A1	20020524		
	US 2003-660998	A	20030912		

WO 2003-US38505

W

20031205